

? login

*** It is now 2009/06/08 15:07:48 ***
(Dialog time 2009/06/08 14:07:48)

Preferences:

1. Default save option: [TEXT]
2. Graphic Images.
Maximum width in pixels : [300]
Maximum height in pixels: [300]
3. Hold output position (don't scroll to the output buffer end): [Yes]
4. Command separators (add HR after every command): [No]
5. Type separators (add HR after every record): [Yes]
6. Linking Pane: [Right]
7. Status location.
Below Type ahead buffer : [Yes]
In Browser status line: [No]
8. Show Estimated Cost Summary: [Yes]
9. Highlight Search Terms: [No]
10. Display Detailed Results by Search Term: [Yes]
11. Show Results by File (multifile search): [Yes]
12. Display Postings: [No]
14. Expand Items: 10
15. Hold Expand output position (don't scroll to the output buffer end): [Yes]
16. KWIC Window: 30
17. Output Cost Notification: [No]
18. Prompt for Subaccount at Logon: [No]
19. Hide History Tab: [No]
20. Show Preferences at Login: [Yes]
21. Show hyphen(s) in display set command : [Yes]

? b 155 biosci medicine 399

```
08jun09 13:08:18 User276629 Session D265.1
$0.00 0.249 DialUnits File415
$0.00 Estimated cost File415
$0.13 INTERNET
$0.13 Estimated cost this search
$0.13 Estimated total session cost 0.249 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

```
File 155:MEDLINE(R) 1950-2009/Jun 05
(c) format only 2009 Dialog
File 5:Biosis Previews(R) 1926-2009/May W5
(c) 2009 The Thomson Corporation
File 24:CSA Life Sciences Abstracts 1966-2009/Jul
(c) 2009 CSA.
File 28:Oceanic Abstracts 1966-2009/Jun
(c) 2009 CSA.
File 34:SciSearch(R) Cited Ref Sci 1990-2009/May W5
(c) 2009 The Thomson Corp
File 35:Dissertation Abs Online 1861-2009/May
(c) 2009 ProQuest Info&Learning
File 40:Enviroline(R) 1975-2008/May
(c) 2008 Congressional Information Service
*File 40: This file is closed and will no longer update. For
similar data, please search File 76-Environmental Sciences.
File 41:Pollution Abstracts 1966-2009/Jul
(c) 2009 CSA.
```

File 44:Aquatic Science & Fisheries Abstracts 1966-2009/Jun
(c) 2009 CSA.

File 45:EMCare 2009/May W5
(c) 2009 Elsevier B.V.

File 50:CAB Abstracts 1972-2009/May W5
(c) 2009 CAB International

*File 50: The file has been reloaded and accession numbers have changed. See HELP NEWS50 for information.

File 65:Inside Conferences 1993-2009/Jun 08
(c) 2009 BLDSC all rts. reserv.

File 71:ELSEVIER BIOBASE 1994-2009/Jun W1
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*File 71: The file has been reloaded. Accession numbers have changed.

File 72:EMBASE 1993-2009/Jun 03
(c) 2009 Elsevier B.V.

File 73:EMBASE 1974-2009/Jun 03
(c) 2009 Elsevier B.V.

File 76:Environmental Sciences 1966-2009/Jul
(c) 2009 CSA.

File 91:MANTIS(TM) 1880-2009/Mar
2001 (c) Action Potential

File 98:General Sci Abs 1984-2009/Jun
(c) 2009 The HW Wilson Co.

File 110:WasteInfo 1974-2002/Jul
(c) 2002 AEA Techn Env.

*File 110: This file is closed (no updates)

File 135:NewsRx Weekly Reports 1995-2009/May W4
(c) 2009 NewsRx

File 136:BioEngineering Abstracts 1966-2007/Jan
(c) 2007 CSA.

*File 136: This file is closed.

File 143:Biol. & Agric. Index 1983-2009/May
(c) 2009 The HW Wilson Co

File 144:Pascal 1973-2009/Jun W1
(c) 2009 INIST/CNRS

File 154:MEDLINE(R) 1990-2009/Jun 05
(c) format only 2009 Dialog

File 164:Allied & Complementary Medicine 1984-2009/May
(c) 2009 BLHCIS

File 172:EMBASE Alert 2009/Jun 05
(c) 2009 Elsevier B.V.

File 185:Zoological Record Online(R) 1864-2009/Jun
(c) 2009 The Thomson Corp.

File 357:Derwent Biotech Res. _1982-2009/May W1
(c) 2009 Thomson Reuters

File 369:New Scientist 1994-2009/May W4
(c) 2009 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS

*File 370: This file is closed (no updates). Use File 47 for more current information.

File 391:Beilstein Database - Reactions 2008/Q2
(c) 2008 Beilstein GmbH

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

File 457:THE LANCET 1992-2009/MAY W5
(c) 2009 ELSEVIER LTD.ALL RIGHTS RES

File 467:ExtraMED(tm) 2000/Dec
(c) 2001 Informania Ltd.

File 138:Physical Education Index 1990-2009/Jun
(c) 2009 CSA.

File 149:TGG Health&Wellness DB(SM) 1976-2009/May W2
(c) 2009 Gale/Cengage

File 156:ToxFile 1965-2009/May W5
(c) format only 2009 Dialog

File 159:Cancerlit 1975-2002/Oct
(c) format only 2002 Dialog

File 162:Global Health 1983-2009/May W5
(c) 2009 CAB International

*File 162: The file has been reloaded and accession numbers have changed. See HELP NEWS 162 for information.

File 266:FEDRIP 2009/Apr

Comp & dist by NTIS, Intl Copyright All Rights Res

File 399:CA SEARCH(R) 1967-2009/UD=15024

(c) 2009 American Chemical Society

*File 399: Use is subject to the terms of your user/customer agreement. IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

File 444:New England Journal of Med. 1985-2009/May W5
(c) 2009 Mass. Med. Soc.

Set	Items	Description
---	-----	-----

? s (granul?) (N50) (polyolefin)

Processing

2128981 GRANUL?

78334 POLYOLEFIN

S1 264 (GRANUL?) (N50) (POLYOLEFIN)

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S2 237 RD (unique items)

? s s1 and py<=2002

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processed 10 of 42 files ...

Processing

Processed 20 of 42 files ...

Processing
 Processing
 Processed 30 of 42 files ...
 >>>One or more prefixes are unsupported
 >>> or undefined in one or more files.
 Processing
 Processing
 Processed 40 of 42 files ...
 Completed processing all files

264 S1
 136079916 PY<=2002
 S3 177 S1 AND PY<=2002

? s s3 and (polypropylene or polybutylene or polybutadiene)

177 S3
 193271 POLYPROPYLENE
 9225 POLYBUTYLENE
 32292 POLYBUTADIENE
 S4 36 S3 AND (POLYPROPYLENE OR POLYBUTYLENE OR POLYBUTADIENE)

? t s36/medium/1-10

>>> Set 36 does not exist? t s3/medium/1-10

Dialog eLink:
 3/3/1 (Item 1 from file: 155)
 DIALOG(R)File 155: MEDLINE(R)
 (c) format only 2009 Dialog. All rights reserved.

06957216 PMID: 6214890
 Platelet concentrates. Influence of different preparative protocols on the in vitro

Snyder E L; Koerner T A; Hezzy A
 Vox sanguinis (SWITZERLAND) 1982 , 43 (2) p71-5 , ISSN: 0042-9007--Print Jo
 Contract/Grant No.: I-F32-HLO6442-01; HL; NHLBI NIH HHS United States
 Publishing Model Print
 Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.
 Languages: ENGLISH
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed

Dialog eLink:
 3/3/2 (Item 2 from file: 155)
 DIALOG(R)File 155: MEDLINE(R)
 (c) format only 2009 Dialog. All rights reserved.

06626590 PMID: 7256827
 Prolonged cryopreservation of human bone marrow.

Parker L M; Binder N; Gelman R; Richman C M; Weiner R S; Yankee R A
 Transplantation (UNITED STATES) Jun 1981 , 31 (6) p454-7 , ISSN: 0041-1337--P
 Publishing Model Print
 Document type: Journal Article
 Languages: ENGLISH
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed

Dialog eLink:

3/3/3 (Item 3 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2009 Dialog. All rights reserved.

06405178 PMID: 7423591

Effect of plastic containers on liquid preservation of human granulocytes. I. With a

Contreras T J; Jemionek J F; French J E; Shields L J

Transfusion (UNITED STATES) Sep-Oct 1980 , 20 (5) p519-30 , ISSN: 0041-1132--

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

3/3/4 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rights reserved.

17127137 Biosis No.: 200300085856

Granular fertilizer coated with decomposable coating film and process for producing

Author: Sakai Yuichi (Reprint); Tada Keishi; Kobayashi Hiroyuki

Author Address: Kawasaki, Japan**Japan

Journal: Official Gazette of the United States Patent and Trademark Office Patents

Medium: e-file

Patent Number: US 6500223 Patent Date Granted: December 31, 2002 20021231 Patent C

ISSN: 0098-1133 _(ISSN print)

Document Type: Patent

Record Type: Abstract

Language: English

Dialog eLink:

3/3/5 (Item 2 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rights reserved.

13797349 Biosis No.: 199799431409

Nitrogen release from polyolefin-coated urea with attention to individual weights

Author: Takahashi Shigeru; Ono Shin-Ichi

Author Address: Dep. Soils Fertilizers, Natl. Agric. Res. Cent., Tsukuba 305, Japan*

Journal: Nutrient Cycling in Agroecosystems 46 (2): p 153-156 1996 1996

ISSN: 1385-1314

Document Type: Article

Record Type: Abstract

Language: English

Dialog eLink:

3/3/6 (Item 3 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

(c) 2009 The Thomson Corporation. All rights reserved.

11168588 Biosis No.: 199293011479

SIMULATION OF CROP RESPONSE TO POLYOLEFIN-COATED UREA I. FIELD DISSOLUTION

Author: GANDEZA A T (Reprint); SHOJI S; YAMADA I
 Author Address: SOIL SCIENCE LABORATORY, FACULTY AGRICULTURE, TOHOKU UNIV, TSUTSUMID
 Journal: Soil Science Society of America Journal 55 (5): p 1462-1467 1991
 ISSN: 0361-5995
 Document Type: Article
 Record Type: Abstract
 Language: ENGLISH

Dialog eLink:
 3/3/7 (Item 4 from file: 5)
 DIALOG(R)File 5: Biosis Previews(R)
 (c) 2009 The Thomson Corporation. All rights reserved.

06855251 Biosis No.: 198375039194
 PLATELET CONCENTRATES INFLUENCE OF DIFFERENT PREPARATIVE PROTOCOLS ON THE IN-VITRO R

Author: SNYDER E L (Reprint); KOERNER T A W JR; HEZZEY A
 Author Address: DEP OF LAB MED, YALE UNIV SCH OF MED, NEW HAVEN, CT 06510, USA**USA
 Journal: Vox Sanguinis 43 (2): p 71-75 1982
 ISSN: 0042-9007
 Document Type: Article
 Record Type: Abstract
 Language: ENGLISH

Dialog eLink:
 3/3/8 (Item 5 from file: 5)
 DIALOG(R)File 5: Biosis Previews(R)
 (c) 2009 The Thomson Corporation. All rights reserved.

06344549 Biosis No.: 198172078500
 PROLONGED CRYO PRESERVATION OF HUMAN BONE MARROW

Author: PARKER L M (Reprint); BINDER N; GELMAN R; RICHMAN C M; WEINER R S; YANKEE R
 Author Address: SIDNEY FARBER CANCER INST, 44 BINNEY ST, BOSTON, MASS 02115, USA**US
 Journal: Transplantation (Baltimore) 31 (6): p 454-457 1981
 ISSN: 0041-1337
 Document Type: Article
 Record Type: Abstract
 Language: ENGLISH

Dialog eLink:
 3/3/9 (Item 6 from file: 5)
 DIALOG(R)File 5: Biosis Previews(R)
 (c) 2009 The Thomson Corporation. All rights reserved.

06224029 Biosis No.: 198171042988
 EFFECT OF PLASTIC CONTAINERS ON LIQUID PRESERVATION OF HUMAN GRANULOCYTES 1. WITH AN

Author: CONTRERAS T J (Reprint); JEMIONEK J F; FRENCH J E; SHIELDS L J
 Author Address: DEP EXP HEMATOL, ARMED FORCES RADIOBIOL RES INST, BETHESDA, MD 20014
 Journal: Transfusion (Bethesda) 20 (5): p 519-530 1980
 ISSN: 0041-1132
 Document Type: Article
 Record Type: Abstract
 Language: ENGLISH

Dialog eLink:
 3/3/10 (Item 1 from file: 24)
 DIALOG(R)File 24: CSA Life Sciences Abstracts
 (c) 2009 CSA. All rights reserved.

0000037057 IP Accession No: 157843
 Prolonged Cryopreservation of Human Bone Marrow.

Parker, LM; Binder, N; Gelman, R; Richman, CM; Weiner, RS; Yankee, RA Sidney Farber
 Transplantation , v 31 , n 6 , p 454-457 , 1981
 Addl. Source Info: Transplantation, vol. 31, no. 6, pp. 454-457, 1981
 Publication Date: 1981

Document Type: Journal Article
 Record Type: Abstract
 Language: English
 Summary Language: English
 ISSN: 0041-1337
 File Segment: Immunology Abstracts

? ds

Set	Items	Description
S1	264	(GRANUL?) (N50) (POLYOLEFIN)
S2	237	RD (unique items)
S3	177	S1 AND PY<=2002
S4	36	S3 AND (POLYPROPYLENE OR POLYBUTYLENE OR POLYBUTADIENE)

? s s4 and (enzyme or protein)

Processing		
	36	S4
	7151973	ENZYME
	17204799	PROTEIN
S5	0	S4 AND (ENZYME OR PROTEIN)

? s s4/full/all

>>>Possible typing error near /

? t s4/full/all

Dialog eLink:
 4/9/1 (Item 1 from file: 155)
 DIALOG(R)File 155: MEDLINE(R)
 (c) format only 2009 Dialog. All rights reserved.

06405178 PMID: 7423591
 Effect of plastic containers on liquid preservation of human granulocytes. I. With a

Contreras T J; Jemionek J F; French J E; Shields L J
 Transfusion (UNITED STATES) Sep-Oct 1980 , 20 (5) p519-30 , ISSN: 0041-1132--
 Publishing Model Print
 Document type: Journal Article
 Languages: ENGLISH
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed
 Subfile: INDEX MEDICUS

We have characterized the effects of four types of plastic polymer containers--polyv
 Descriptors: *Blood Preservation; *Deoxyribonucleases--pharmacology--PD; *Granulocyt
 CAS Registry No.: 0 (Plastics); 0 (Polymers); 50-23-7 (Hydrocortisone)
 Enzyme No.: EC 3.1.- (Deoxyribonucleases)
 Record Date Created: 19801218
 Record Date Completed: 19801218

Dialog eLink:

4/9/2 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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06224029 Biosis No.: 198171042988

EFFECT OF PLASTIC CONTAINERS ON LIQUID PRESERVATION OF HUMAN GRANULOCYTES 1. WITH AN

Author: CONTRERAS T J (Reprint); JEMIONEK J F; FRENCH J E; SHIELDS L J

Author Address: DEP EXP HEMATOL, ARMED FORCES RADIOBIOL RES INST, BETHESDA, MD 20014

Journal: Transfusion (Bethesda) 20 (5): p 519-530 1980

ISSN: 0041-1132

Document Type: Article

Record Type: Abstract

Language: ENGLISH

Abstract: The effects of 4 types of plastic polymer containers (polyvinyl chloride (

Registry Numbers: 9003-98-9: DNASE; 50-23-7: HYDROCORTISONE; 9002-86-2: POLYVINYL CH

Descriptors: POLYMORPHONUCLEAR LEUKOCYTE IN-VITRO RECOVERY VIABILITY MEMBRANE INTEGR

DESCRIPTORS:

Major Concepts: Blood and Lymphatics--Transport and Circulation; Endocrine System--C

Biosystematic Names: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia

Common Taxonomic Terms: Animals; Chordates; Humans; Mammals; Primates; Vertebrates

Chemicals & Biochemicals: DNASE; HYDROCORTISONE; POLYVINYL CHLORIDE; POLYPROPYLEN

Concept Codes:

01006 Methods - Laboratory apparatus

01054 Microscopy - Cytology and cytochemistry

02508 Cytology - Human

04500 Mathematical biology and statistical methods

10060 Biochemistry studies - General

10064 Biochemistry studies - Proteins, peptides and amino acids

10504 Biophysics - Methods and techniques

10508 Biophysics - Membrane phenomena

10616 External effects - Temperature as a primary variable - cold

10804 Enzymes - Methods

10808 Enzymes - Physiological studies

12100 Movement

12510 Pathology - Necrosis

13012 Metabolism - Proteins, peptides and amino acids

15001 Blood - General and methods

15004 Blood - Blood cell studies

15008 Blood - Lymphatic tissue and reticuloendothelial system

17004 Endocrine - Adrenals

22003 Pharmacology - Drug metabolism and metabolic stimulators

22005 Pharmacology - Clinical pharmacology

22016 Pharmacology - Endocrine

22501 Toxicology - General and methods

23001 Temperature - General measurement and methods

23004 Temperature - Cryobiology

23006 Temperature - Hypothermia and hyperthermia

32600 In vitro cellular and subcellular studies

Biosystematic Codes:
86215 Hominidae

Dialog eLink:

4/9/3 (Item 1 from file: 34)
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci
(c) 2009 The Thomson Corp. All rights reserved.

05867527 Genuine Article#: XD199 Number of References: 19
New thermoplastic polyolefins elastomers from the novel multicatalysts reactor granu

Author: Collina G (REPRINT) ; Braga V; Sartori F
Corporate Source: MONTELL ITALIA, G NATTA R&D CTR, PLE G DONEGANI 12/I-44100 FERRARA/
Journal: POLYMER BULLETIN , 1997 , V 38 , N6 (JUN) , P 701-705
ISSN: 0170-0839 Publication date: 19970600
Publisher: SPRINGER VERLAG , 175 FIFTH AVE, NEW YORK, NY 10010
Language: English Document Type: ARTICLE
Geographic Location: ITALY
Subfile: CC PHYS--Current Contents, Physical, Chemical & Earth Sciences
Journal Subject Category: POLYMER SCIENCE
Abstract: A new process for the sequential copolymerization of olefins has been dev
Identifiers-- KeyWord Plus(R): POLYMERS
Research Fronts: 95-0044 001 (FERROELECTRIC LIQUID-CRYSTALS; SADDLE-SPLAY ELASTICITY
Cited References:

EP 395083, SACCHETTI M
EP 472946, CECCHIN G
EP 742257, BRAGA V
WO 9611218, COLLINA G
ALBIZZATI E, POLYPROPYLENE HDB
BRINTZINGER HH, 1985, V63, P288, J ORGANOMET CHEM
CECCHIN G, 1994, V78, P213, MACROMOL SYMP
CHODAK I, 1995, V20, P1165, PROG POLYM SCI
CORBELL L, 1987, P 9 INT RUBB C GOTTW
DE SK, THERMOPLASTIC ELASTO
GALIMBERTI M, 1996, P METCON 96 HOUSTON
GALLI P, 1995, V98, P1309, MACROMOL SYMP
GALLI P, 1996, P IUPAC MACRO SEOUL
GALLI P, 1984, P POLYMER ALLOYS STR
GALLI P, 1985, V17, P37, POLYM J
GALLI P, UNPUB J APPL POLYMER
GILBERT M, 1979, V11, BRIT POLYMER J
LEGGE NR, 1987, THERMOPLASTIC ELASTO
VANDERVEN S, 1990, POLYPROPYLENE POLYOL

Dialog eLink:

4/9/4 (Item 1 from file: 73)
DIALOG(R)File 73: EMBASE
(c) 2009 Elsevier B.V. All rights reserved.

0071985199 EMBASE No: 1981047824
Effect of plastic containers on liquid preservation of human granulocytes. I. With

Contreras T.J.; Jemionek J.F.; French J.E.; Shields L.J.
Dept. Exp. Hematol., Armed Forces Radiobiol. Res. Inst., Bethesda, Md., United Sta
Corresp. Author/Affil: : Dept. Exp. Hematol., Armed Forces Radiobiol. Res. Inst., B

Transfusion (TRANSFUSION) (United States) December 1, 1980 , 20/5 (519-530)
CODEN: TRANA ISSN: 0041-1132

Document Type: Journal ; Article Record Type: Abstract
Language: English

We have characterized the effects of four types of plastic polymer containers-poly

Manufacturer name: sigma/United States; upjohn/United States

Drug Descriptors:

* deoxyribonuclease; *hydrocortisone; *plastic

Medical Descriptors:

* leukocyte

blood and hemopoietic system; drug efficacy; human cell; in vitro study; normal huma

Medical Terms (Uncontrolled): cell preservation; granulocyte preservation

CAS Registry Number: 37211-67-9 (deoxyribonuclease); 50-23-7 (hydrocortisone)

SECTION HEADINGS:

Hematology

Drug Literature Index

Dialog eLink:

4/9/5 (Item 1 from file: 144)

DIALOG(R)File 144: Pascal

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13028306 PASCAL No.: 97-0313862

New thermoplastic polyolefins elastomers from the novel Multicatalysts
Reactor Granule Technology : their relevant physical-mechanical properties
after crosslinking

COLLINA G; BRAGA V; SARTORI F

Montell Italia, G. Natta R & D Center, P. le G. Donegani 12, 44100

Ferrara, Italy

Journal: Polymer bulletin : (Berlin),

1997, 38 (6) 701-705

ISSN: 0170-0839 CODEN: POBUDR Availability: INIST-17946

; 354000061601220130

No. of Refs.: 18 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: Germany

Language: English

A new process for the sequential copolymerization of olefins has been devised (Multicatalysts Reactor Granule Technology); it allows the synthesis of thermoplastic polyolefin elastomers having polypropylene from Ti-based catalysts and ethylenepropylene rubbers from metallocenes. Such new materials have been cured with peroxides an the relevant mechanical properties measured in comparison with those of heterophasic copolymers synthesized with traditional catalysts. It resulted that the new materials present an improved balance between strength and elasticity, especially at high temperature.

English Descriptors: Propylene polymer; Heterogeneous mixture; Ethylene propylene rubber; Thermoplastic rubber; Vulcanizate; Preparation; Complex catalyst polymerization; Ziegler Natta catalyst; Supported catalyst; Successive reaction; Complex catalyst copolymerization; Metallocene-ACT; Vulcanization; Mechanical properties; Experimental study

French Descriptors: Propene polymere; Melange heterogene; Caoutchouc ethylene propene; Caoutchouc thermoplastique; Vulcanisat; Preparation; Polymerisation catalyseur complexe; Catalyseur Ziegler Natta; Catalyseur sur support; Reaction successive; Copolymerisation catalyseur complexe;

Metallocene-ACT; Vulcanisation; Propriete mecanique; Etude experimentale

Classification Codes: 001D09D02C

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4/9/6 (Item 1 from file: 156)

DIALOG(R)File 156: ToxFile

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163787 NLM Doc No: RISKLINE/1994040001 Sec. Source ID: RISKLINE/1994040001
Selected synthetic organic fibres

WHO working group

Source: Environmental Health Criteria Vol:151 (1993) 100 p

Pub. Year: 1993

Languages: ENGLISH

Record type: Completed

Subfile: RISKLINE

Identity, physical and chemical properties: Carbon/graphite fibres are filamentary f
on concentrations in the environment was identified. Deposition, clearance, retentio
Identifiers: ANIMAL ; acute toxicity; subacute toxicity; subchronic toxicity; chroni
Record Date Created: 199405

4/9/7 (Item 1 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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137279901 CA: 137(19)279901k

PATENT

Method for preparing nonhalogen fire-resistant polyolefin master granules

Inventor (Author): Liu, Fang; Jia, Demin; Wu, Xiaohua; Shuai, Danrong

Location: Peop. Rep. China,

Assignee: Hua'nun Univ. of Science and Engineering

Patent: Faming Zh. Sh. Gong. Shuom ; CN 1319613 A Date: 20011031

Application: CN 2001107484 (20010121)

Pages: 8 pp.

CODEN: CNXXEV

Language: Chinese

Patent Classifications:

Class: C08F-010/00A; C08F-008/00B

Section:

CA237002 Plastics Manufacture and Processing

Identifiers: polyolefin nonhalogen fireproofing agent master granule, methacrylic ac
Descriptors:

Polyphosphoric acids ...

ammonium salts, reaction products with olefin graft copolymers; method for prep
Fireproofing agents... Fire-resistant materials ...

method for prep. nonhalogen fire-resistant polyolefin master granules

CAS Registry Numbers:

9003-07-0 method for prep. nonhalogen fire-resistant polyolefin master granules

464934-03-0DP reaction products with halogen-free fireproofing agents, fireproofing

121367-75-7DP 133150-60-4DP 189179-66-6DP reaction products with halogen-free firepr

108-78-1DP 115-77-5DP 1309-42-8DP 21645-51-2DP reaction products with olefin graft c

7631-86-9DP 10192-46-8DP reaction products with olefin graft copolymers, method for

4/9/8 (Item 2 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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137248442 CA: 137(17)248442g PATENT
 Granular composite additives containing antioxidants for polyolefins and manufacture
 Inventor (Author): Tobita, Etsuo; Kouno, Toshinori; Takeuchi, Takashi; Dai, Naoko
 Location: Japan,
 Assignee: Asahi Denka Kogyo K. K.
 Patent: Japan Kokai Tokkyo Koho ; JP 2002275326 A2 Date: 20020925
 Application: JP 200177608 (20010319)
 Pages: 12 pp.
 CODEN: JKXXAF
 Language: Japanese
 Patent Classifications:
 Class: C08L-023/10A; C08K-003/00B; C08K-005/13B; C08K-005/49B
 Section:
 CA237006 Plastics Manufacture and Processing
 Identifiers: phenolic antioxidant granular composite additive polyolefin, dust free
 Descriptors:
 Antioxidants... Grains(particles)... Polyolefins ...
 dust-free granular composite additives contg. antioxidants prepd. under regulate
 Yellowing prevention ...
 dust-free granular composite additives contg. antioxidants prepd. under regulate
 Pelletization ...
 dust-free granular composite additives contg. antioxidants prepd. under regulate
 Fillers ...
 in dust-free granular composite additives contg. antioxidants prepd. under regul
 CAS Registry Numbers:
 140221-14-3 antioxidant; in dust-free granular composite additives contg. antioxidan
 6683-19-8 dust-free granular composite additives contg. antioxidants prepd. under re
 9078-36-8 11097-59-9 12694-22-3 in dust-free granular composite additives contg. ant
 9003-07-0 powd.; in dust-free granular composite additives contg. antioxidants prepd
 7631-86-9 uses, amorphous, powd., filler; dust-free granular composite additives con
 14807-96-6 uses, filler; dust-free granular composite additives contg. antioxidants

4/9/9 (Item 3 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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136355900 CA: 136(23)355900f PATENT
 Dust-free one-pack type granular composite additives for polyolefins, process for pr
 Inventor (Author): Yukino, Toshinori; Takeuchi, Takashi; Tanji, Naoko; Tobita, Etsuo
 Location: Japan,
 Assignee: Asahi Denka Kogyo K. K.
 Patent: PCT International ; WO 200236677 A1 Date: 20020510
 Application: WO 2001JP9596 (20011101) *JP 2000335707 (20001102)
 Pages: 37 pp.
 CODEN: PIXXD2
 Language: Japanese
 Patent Classifications:
 Class: C08L-023/00A; C08K-005/52B
 Designated Countries: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CO; CU; CZ
 Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY;
 Section:
 CA237006 Plastics Manufacture and Processing
 Identifiers: nucleating agent granular composite additive polyolefin, hindered pheno

Descriptors:

Crystal nucleating agents... Antioxidants... Polyolefins ...

dust-free one-pack granular composite additives for polyolefins

Phenols,uses ...

hindered, antioxidants; dust-free one-pack granular composite additives for poly

Carboxylic acids,uses ...

salts, alkali or alk. earth, nucleating agent; dust-free one-pack granular compo

CAS Registry Numbers:

31570-04-4 antioxidants; dust-free one-pack granular composite additives for polyole

9003-07-0 6683-19-8 dust-free one-pack granular composite additives for polyolefins

85209-91-2 532-32-1 151841-65-5 nucleating agent; dust-free one-pack granular compos

4/9/10 (Item 4 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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135258108 CA: 135(18)258108a PATENT

Manufacture of granular thermoplastic polymers with reduced energy by preheating the

Inventor (Author): Witt, Michael; Anderlik, Rainer; Hofmann, Juergen; Kessler, Thoma

Location: Germany,

Assignee: Basell Polyolefine GmbH

Patent: Germany Offen. ; DE 10013948 A1 Date: 20010927

Application: DE 10013948 (20000321)

Pages: 4 pp.

CODEN: GWXXBX

Language: German

Patent Classifications:

Class: B29B-009/06A; C08J-003/12B

Section:

CA238002 Plastics Fabrication and Uses

Identifiers: thermoplastic granule manuf energy saving, polyolefin granule manuf ene

Descriptors:

Extrusion of plastics and rubbers... Granulation... Polyamides,uses... Polyesters,us

manuf. of granular thermoplastic polymers with reduced energy by preheating ther

Plastics,uses ...

thermoplastics; manuf. of granular thermoplastic polymers with reduced energy by

CAS Registry Numbers:

9002-88-4 9003-07-0 manuf. of granular thermoplastic polymers with reduced energy by

4/9/11 (Item 5 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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135077698 CA: 135(6)77698x PATENT

Granular crystal nucleating agent compositions with good dispersibility and polyolef

Inventor (Author): Kanegae, Keisuke; Takahashi, Hideyuki; Miyai, Toshiki

Location: Japan,

Assignee: Sakai Chemical Industry Co., Ltd.; Mitsui Chemicals Inc.

Patent: Japan Kokai Tokkyo Koho ; JP 2001181445 A2 Date: 20010703

Application: JP 99371964 (19991227)

Pages: 11 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08K-005/159A; C08K-003/18B; C08K-005/00B; C08K-005/101B; C08L-023/00B

Section:

CA237006 Plastics Manufacture and Processing

Identifiers: benzylidenesorbitol crystal nucleating agent polyolefin dispersibility,
 Descriptors:

Crystal nucleating agents... Soaps... Alkaline earth oxides... Alkaline earth hydrox
 granular crystal nucleating agent compns. with good dispersibility in polyolefin
 Tallow ...

tallow oil, bonding agents; granular crystal nucleating agent compns. with good

CAS Registry Numbers:

31566-31-1 112-92-5 bonding agents; granular crystal nucleating agent compns. with g
 81541-12-0 80124-42-1 19046-64-1 135861-56-2 1592-23-0 557-04-0 4485-12-5 1309-42-8
 74-85-1D 115-07-1D polymers, granular crystal nucleating agent compns. with good dis
 96492-31-8 Stabiace HT 1; granular crystal nucleating agent compns. with good disper
 244032-32-4 Stabiace HT-P; granular crystal nucleating agent compns. with good dispe
 9003-07-0 waxes, bonding agents; granular crystal nucleating agent compns. with good

4/9/12 (Item 6 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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134327234 CA: 134(23)327234g PATENT

Granular composite additives for polyolefins and their manufacture

Inventor (Author): Takahashi, Masayuki; Kono, Toshinori; Takeuchi, Takashi

Location: Japan,

Assignee: Asahi Denka Kogyo K. K.

Patent: Japan Kokai Tokkyo Koho ; JP 2001123021 A2 Date: 20010508

Application: JP 99303821 (19991026)

Pages: 11 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08L-023/02A; C08K-005/13B; C08K-005/524B; C08K-005/527B

Section:

CA237002 Plastics Manufacture and Processing

Identifiers: granular butylphenyl phosphate additive polyolefin, phenol antioxidant

Descriptors:

Antioxidants ...

phenolic; manuf. granular composite additives for polyolefins

CAS Registry Numbers:

6683-19-8 9003-07-0 85209-91-2 85209-93-4 manuf. granular composite additives for po

4/9/13 (Item 7 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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134296633 CA: 134(21)296633e PATENT

Polyolefin filler masterbatches and a production technology therefor

Inventor (Author): Wei, Maoting

Location: Peop. Rep. China,

Patent: Faming Zh. Sh. Gong. Shuom ; CN 1251851 A Date: 20000503

Application: CN 98120630 (19981019)

Pages: 12 pp.

CODEN: CNXXEV

Language: Chinese

Patent Classifications:

Class: C08L-091/06A

Section:

CA237006 Plastics Manufacture and Processing

Identifiers: filler masterbatch polyolefin extrusion granulation cooling, calcium ca
 Descriptors:

Aluminates... Titanates ...

coupling agents; extrusion and granulation and cooling in manuf. of polyolefin f
 Antioxidants... Cooling... Coupling agents... Extrusion of plastics and rubbers... F
 extrusion and granulation and cooling in manuf. of polyolefin filler masterbatch

Adhesion, physical ...

prevention of; extrusion and granulation and cooling in manuf. of polyolefin fil

CAS Registry Numbers:

6683-19-8 antioxidants; extrusion and granulation and cooling in manuf. of polyolefi
 9003-07-0 31570-04-4 334778-32-4 extrusion and granulation and cooling in manuf. of
 471-34-1 uses, extrusion and granulation and cooling in manuf. of polyolefin filler

4/9/14 (Item 8 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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134005737 CA: 134(1)5737r PATENT

Granular material for polyolefin fibers-based artificial lawn

Inventor (Author): Tanaka, Nobuhiro

Location: Japan,

Assignee: Sekisui Chemical Co., Ltd.

Patent: Japan Kokai Tokkyo Koho ; JP 2000328510 A2 Date: 20001128

Application: JP 99141762 (19990521)

Pages: 6 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: E01C-013/08A

Section:

CA238003 Plastics Fabrication and Uses

CA240XXX TEXTILES AND FIBERS

Identifiers: polyethylene polypropylene fiber artificial lawn, sand filled polyolefi
 Descriptors:

Styrene-butadiene rubber, uses ...

back packing; granular material for polyolefin fibers-based artificial lawn

Polyolefin fibers ...

ethylene; granular material for polyolefin fibers-based artificial lawn

Antioxidants... Light stabilizers... Polypropene fibers, uses... Sand ...

granular material for polyolefin fibers-based artificial lawn

Grass (Poaceae) ...

lawn, artificial; granular material for polyolefin fibers-based artificial lawn

CAS Registry Numbers:

71878-19-8 Chimassor B 944, light stabilizers; granular material for polyolefin fi

25085-53-4 fibers; granular material for polyolefin fibers-based artificial lawn

53664-39-4 granular material for polyolefin fibers-based artificial lawn

6683-19-8 Irganox 1010, antioxidants; granular material for polyolefin fibers-based

9002-88-4 KL 370C, fibers; granular material for polyolefin fibers-based artificial

9003-55-8 styrene-butadiene rubber, back packing; granular material for polyolefin f

4/9/15 (Item 9 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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133360009 CA: 133(26)360009q

PATENT

Net bags packed with slimicides
 Inventor (Author): Funae, Haruyoshi; Yoshida, Mitsuo
 Location: Japan,
 Assignee: Mitsubishi Paper Mills, Ltd.
 Patent: Japan Kokai Tokyo Koho ; JP 2000317461 A2 Date: 20001121
 Application: JP 99126657 (19990507)
 Pages: 11 pp.
 CODEN: JKXXAF
 Language: Japanese
 Patent Classifications:
 Class: C02F-001/50A; C02F-001/50B; A47J-047/20B; D21H-021/36B
 Section:
 CA205002 Agrochemical Bioregulators
 Identifiers: net bag slimicide bactericide fungicide granule, nonwoven fabric impreg
 Descriptors:
 Polypropene fibers, biological studies ...
 bicomponent with polyethylene fiber, nonwoven fabric from polyester fibers and;
 Polyurethanes, biological studies ...
 carrier; slime control net bags packed with granules or nonwoven fabrics contg.
 Acrylic polymers, biological studies ...
 carriers; slime control net bags packed with granules or nonwoven fabrics contg.
 Polyolefin fibers ...
 ethylene, bicomponent with polypropylene fiber, nonwoven fabric from polyester f
 Cellulose pulp ...
 kraft, carboxymethylated; slime control net bags packed with granules or nonwove
 Polyester fibers, biological studies ...
 nonwoven fabrics from polyethylene-polypropylene composite fibers and; slime con
 Synthetic fibers ...
 nonwoven, net bag, US 316; slime control net bags packed with granules or nonwov
 Antibacterial agents... Bags... Fungicides... Nets... Nonwoven fabrics ...
 slime control net bags packed with granules or nonwoven fabrics contg. antibacte
 Biocides ...
 slimicides; slime control net bags packed with granules or nonwoven fabrics cont
 CAS Registry Numbers:
 7758-98-7 7761-88-8 biological studies, slime control net bags packed with granules
 9003-55-8 97622-61-2 122878-75-5 carrier; slime control net bags packed with granule
 25085-53-4 fiber, bicomponent with polyethylene fiber, nonwoven fabric from polyeste
 9002-88-4 fiber, bicomponent with polypropylene fiber, nonwoven fabric from polyeste
 211366-20-0 fiber binder; slime control net bags packed with granules or nonwoven fa
 3811-73-2 7779-88-6 9004-65-3 slime control net bags packed with granules or nonwove

4/9/16 (Item 10 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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131258435 CA: 131(19)258435x PATENT
 Woody polymer compositions for moldings with improved appearance, gloss, and touch
 Inventor (Author): Akeboshi, Koji
 Location: Japan,
 Assignee: Echo Polymer K. K.
 Patent: Japan Kokai Tokyo Koho ; JP 99269316 A2 ; JP 11269316 Date: 19991005
 Application: JP 9892264 (19980323)
 Pages: 7 pp.
 CODEN: JKXXAF
 Language: Japanese
 Patent Classifications:
 Class: C08L-023/00A; C08L-001/00B; C08L-025/04B; C08L-033/12B; C08L-069/00B; C08
 Section:

CA237006 Plastics Manufacture and Processing
 CA243XXX Cellulose, Lignin, Paper, and Other Wood Products
 Identifiers: polyolefin cellulose granule blend woody compn, polypropylene sawdust m
 Descriptors:
 Polycarbonates, properties... Polyolefins... Polyoxyphenylenes... Sawdust... Wood sub
 woody polymer compns. for moldings with improved appearance, gloss, and touch
 CAS Registry Numbers:
 9003-07-0D maleated, woody polymer compns. for moldings with improved appearance, gl
 24936-68-3 properties, woody polymer compns. for moldings with improved appearance,
 108-31-6D reaction products with polypropylene, woody polymer compns. for moldings w
 9003-56-9 Techno ABS 400; woody polymer compns. for moldings with improved appearanc
 9003-53-6 9011-14-7 25037-45-0 87110-88-1 106565-43-9 244622-18-2 woody polymer comp

4/9/17 (Item 11 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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129231163 CA: 129(18)231163d PATENT
 Deodorization of polyolefin granules
 Inventor (Author): Dolle, Volker; Carrion, Eduardo Chicote; Schoeneborn, Paul-Richar
 Location: Germany,
 Assignee: Targor G.m.b.H.
 Patent: Germany Offen. ; DE 19709553 A1 Date: 19980910
 Application: DE 19709553 (19970307)
 Pages: 8 pp.
 CODEN: GWXXBX
 Language: German
 Patent Classifications:
 Class: C08F-006/28A; C08F-010/00B; B29C-063/00B; A47G-023/00B; E03B-007/00B
 Section:
 CA235004 Chemistry of Synthetic High Polymers
 Identifiers: polyolefin granule deodorization water vapor, nitrogen water vapor poly
 Descriptors:
 Deodorization... Polyolefins... Water vapor ...
 deodorization of polyolefin granules with water vapor-nitrogen mixt.
 Water distribution systems ...
 deodorization of polyolefin granules with water vapor-nitrogen mixt. for use in
 Containers... Household furnishings ...
 glasses; deodorization of polyolefin granules with water vapor-nitrogen mixt. fo
 CAS Registry Numbers:
 9003-07-0 deodorization of polyolefin granules with water vapor-nitrogen mixt.
 7727-37-9 uses, gas; deodorization of polyolefin granules with water vapor or

4/9/18 (Item 12 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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127052097 CA: 127(4)52097x PATENT
 Preparation of vulcanizable rubber composition from granular rubber blends and tires
 Inventor (Author): Smith, Gregory George; Bernier, Robert Joseph Noel
 Location: USA
 Assignee: Union Carbide Chemicals & Plastics Technology Corporation
 Patent: European Pat. Appl. ; EP 775719 A2 Date: 19970528
 Application: EP 96308442 (19961121) *US 7448 (19951122) *US 724888 (19961003)
 Pages: 8 pp.
 CODEN: EPXXDW

Language: English

Patent Classifications:

Class: C08J-003/00A; C08J-003/20B; C08L-021/00R

Designated Countries: AT; BE; DE; ES; FR; GB; GR; IT; NL; PT; SE

Section:

CA239013 Synthetic Elastomers and Natural Rubber

Identifiers: rubber vulcanizable compn interdispersion degree, granular rubber blend

Descriptors:

Synthetic rubber,uses ...

acrylonitrile-isoprene, granular, blend; prepn. of vulcanizable rubber compn. fr

Synthetic rubber,uses ...

butadiene-isoprene, granular, blend; prepn. of vulcanizable rubber compn. from g

Synthetic rubber,uses ...

butadiene-isoprene-styrene, granular, blend; prepn. of vulcanizable rubber compn

Silicone rubber,uses ...

di-Me, granular, blend; prepn. of vulcanizable rubber compn. from granular rubbe

EPDM rubber ...

ethylene-ethylidenenorbornene-propene, granular, blend; prepn. of vulcanizable r

Synthetic rubber,uses ...

ethylene-trimethoxyvinylsilane, granular, blend; prepn. of vulcanizable rubber c

Butadiene rubber,uses ...

granular, blend with EPDM; prepn. of vulcanizable rubber compn. from granular ru

EPDM rubber ...

granular, blend with polybutadiene; prepn. of vulcanizable rubber compn. from gr

ABS rubber... Brominated butyl rubber... Butyl rubber,uses... Chlorinated butyl rubb

granular, blend; prepn. of vulcanizable rubber compn. from granular rubber blend

Natural rubber,uses ...

granular, blend; prepn. of vulcanizable rubber compn. from granular rubber blend

Synthetic rubber,uses ...

isobutylene-methylstyrene, brominated, granular, blend; prepn. of vulcanizable r

Polymer blends ...

prepn. of vulcanizable rubber compn. from granular rubber blends and tires there

Tires ...

prepn. of vulcanizable rubber compn. from granular rubber blends for

Tires ...

sidewalls; prepn. of vulcanizable rubber compn. from granular rubber blends for

CAS Registry Numbers:

9003-56-9 abs rubber, granular, blend; prepn. of vulcanizable rubber compn. from gra

9010-85-9D brominated, brominated butyl rubber, granular, blend; prepn. of vulcaniza

61128-14-1D brominated, rubber, blend; prepn. of vulcanizable rubber compn. from gra

9003-17-2 butadiene rubber, granular, blend with EPDM; prepn. of vulcanizable rubber

9010-85-9 butyl rubber, granular, blend; prepn. of vulcanizable rubber compn. from g

9010-85-9D chlorinated, chlorinated butyl rubber, granular, blend; prepn. of vulcani

9010-85-9D chlorinated or brominated, rubber, blend; prepn. of vulcanizable rubber c

9010-79-1 ethylene-propylene rubber, granular, blend; prepn. of vulcanizable rubber

9003-31-0 isoprene rubber, granular, blend; prepn. of vulcanizable rubber compn. fro

25038-32-8 isoprene-styrene rubber, granular, blend; prepn. of vulcanizable rubber c

9010-98-4 neoprene rubber, granular, blend; prepn. of vulcanizable rubber compn. fro

9003-18-3 nitrile rubber, granular, blend; prepn. of vulcanizable rubber compn. from

9003-56-9 9016-00-6 25014-11-3 25038-32-8 25038-36-2 25102-52-7 26602-62-0 28702-43-

9003-55-8 styrene-butadiene rubber, granular, blend; prepn. of vulcanizable rubber c

4/9/19 (Item 13 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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125222759

CA: 125(18)222759t

PATENT

Solid catalyst components and polymerization catalysts for manufacturing granular st

Inventor (Author): Tanaka, Eiji; Shimizu, Fumihiko; Mitsuya, Kenji; Tamaoki, Tatsuro
 Location: Japan,
 Assignee: Mitsubishi Chem Corp
 Patent: Japan Kokai Tokkyo Koho ; JP 96176226 A2 ; JP 08176226 Date: 960709
 Application: JP 94320666 (941222)

Pages: 11 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08F-004/658A; C08F-010/00B

Section:

CA235003 Chemistry of Synthetic High Polymers

Identifiers: olefin polymn catalyst magnesium titanium, silane aluminum catalyst pol
 Descriptors:

Alkenes, polymers, preparation... Polymerization catalysts ...

manuf. of granular stereoregular polyolefins using magnesium-silicon-titanium an

CAS Registry Numbers:

17865-32-6 catalysts contg.; manuf. of granular stereoregular polyolefins

25085-53-4P manuf. of granular stereoregular polyolefins using magnesium-silicon-tit

78-10-4 84-66-2 1174-72-7 2414-98-4 5593-70-4 solid catalysts prepd. from; manuf. of

97-93-8 uses, catalysts contg.; manuf. of granular stereoregular polyolefins

7550-45-0 uses, solid catalysts prepd. from; manuf. of granular stereoregular polyol

4/9/20 (Item 14 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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124290591 CA: 124(22)290591m PATENT

Polymerization catalysts for olefins and manufacture of stereoregular polyolefin gra

Inventor (Author): Tanaka, Eiji; Shimizu, Fumihiko

Location: Japan,

Assignee: Mitsubishi Kagaku Kk

Patent: Japan Kokai Tokkyo Koho ; JP 9603213 A2 ; JP 0803213 Date: 960109

Application: JP 94143251 (940624)

Pages: 12 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08F-004/658A; C08F-010/00B

Section:

CA235004 Chemistry of Synthetic High Polymers

Identifiers: stereoregularity polypropylene manuf catalyst, Ziegler Natta catalyst p
 Descriptors:

Alkenes, polymers, preparation... Polymerization catalysts, Ziegler-Natta ...

manuf. of stereoregular polyolefin particles by using Ziegler-Natta catalysts

CAS Registry Numbers:

78-10-4 84-66-2 1174-72-7 2414-98-4 5593-70-4 17865-54-2 catalysts prepd. from; manu

9003-07-0P 106565-43-9P manuf. of stereoregular polyolefin particles by using Ziegler

97-93-8 108-95-2 7550-45-0 uses, catalysts prepd. from; manuf. of stereoregular poly

Dialog eLink:

4/9/21 (Item 15 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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118148673

CA: 118(16)148673x

JOURNAL

Preparation of concentrates of polyolefins granulated in a liquid medium
 Author: Babenko, S. A.; Mironov, V. M.; Semakina, O. K.; Sidorenko, A. A.; Chernov,
 Location: Russia,
 Journal: Plast. Massy
 Date: 1992
 Number: 6 Pages: 32-4
 CODEN: PLMSAI
 ISSN: 0554-2901
 Language: Russian
 Section:

CA237006 Plastics Manufacture and Processing

CA251XXX Fossil Fuels, Derivatives, and Related Products

Identifiers: polyethylene conc granulation petroleum residue, polypropylene carbon c
 Descriptors:

Petroleum resins, asphaltenes ...

filled polyolefin conc. prepn. in liq. medium contg.

Carbon black, miscellaneous... Carbon fibers, uses ...

polyolefin concs. contg., prepn. of, by granulation in presence of asphaltene-co

CAS Registry Numbers:

9003-07-0 carbon-filled, conc. prepn. from, by granulation in presence of asphaltene

9002-88-4 low-d., carbon-filled, conc. prepn. from, by granulation in presence of as

4/9/22 (Item 16 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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117235243 CA: 117(24)235243e PATENT

Coating polyolefin granules with processing additives in a fluidized bed

Inventor (Author): Chatterjee, Ananda M.

Location: USA

Assignee: Shell Oil Co.

Patent: United States ; US 5141772 A Date: 920825

Application: US 779670 (911021)

Pages: 4 pp.

CODEN: USXXAM

Language: English

Patent Classifications:

Class: 427213000; B05D-007/24A

Section:

CA237006 Plastics Manufacture and Processing

Identifiers: polyolefin granule coating processing additives, hydrotalcite coating p
 Descriptors:

Alkenes, polymers, polymers ...

coating of granules of, with aq. dispersions of processing additives in fluidize

Antioxidants... Light stabilizers ...

coating with aq. dispersions of, of polypropylene granules in fluidized beds

Coating process, fluidized-bed ...

of polyolefin granules with aq. dispersions of processing additives

CAS Registry Numbers:

1592-23-0 99628-16-7 acid-acceptors, coating with aq. dispersions of, of polypropyle

1709-70-2 antioxidants, coating with aq. dispersions of, of polypropylene granules i

9003-07-0 coating of granules of, with aq. dispersions of processing additives in fl

6683-19-8 31570-04-4 118387-09-0 coating with aq. dispersions of, of polypropylene g

4/9/23 (Item 17 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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117091522 CA: 117(10)91522v PATENT
 Process for preparing a colored thermoplastic material and colored thermoplastic com
 Inventor (Author): Chow, Wai Yan; Maille, Gerald Emile Amedee; Thibaudeau, Jean Pier
 Location: UK,
 Assignee: Exxon Chemical Ltd.; Exxon Chemical Patents Inc.
 Patent: PCT International ; WO 9204399 A1 Date: 920319
 Application: WO 91EP1747 (910910) *GB 9019761 (900910)
 Pages: 20 pp.
 CODEN: PIXXD2
 Language: English
 Patent Classifications:
 Class: C08J-003/20A; C08J-005/04B
 Designated Countries: JP; US
 Designated Regional: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LU; NL; SE
 Section:
 CA237006 Plastics Manufacture and Processing
 CA238XXX Plastics Fabrication and Uses
 CA242XXX Coatings, Inks, and Related Products
 Identifiers: polypropylene powder colored, wax pigment surface coloring polyolefin,
 Descriptors:
 Carbon black,uses ...
 coating by Holcobatch C Black 93909, of polyolefin in economical process
 Carbon fibers,uses... Ceramic materials and wares,fibers... Glass fibers,uses... Met
 composites contg., colored by pigment coated plastic granules
 Polyamides,miscellaneous... Polycarbonates,miscellaneous... Polyesters,miscellaneous
 granules, coating of, with wax/pigment in economical process
 Coating process ...
 of pigment on surface of polyolefin granules, in economical way, for colored pla
 Alkenes,polymers,polymers ...
 wax, contg. pigment, for coating in economical way on polyolefin granule
 CAS Registry Numbers:
 142986-21-8 coating by, contg. carbon black, of polyolefin in economical process
 9002-86-2 9003-07-0 9003-53-6 granules, coating of, with wax/pigment in economical p
 9002-88-4 wax, contg. pigment, for coating in economical way on polyolefin granule
 4/9/24 (Item 18 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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116215191 CA: 116(22)215191n PATENT
 Polyolefin granules modified by graft suspension polymerization
 Inventor (Author): Imai, Akio; Furuta, Motonobu
 Location: Japan,
 Assignee: Sumitomo Chemical Co., Ltd.
 Patent: Japan Kokai Tokyo Koho ; JP 91273014 A2 ; JP 03273014 Date: 911204
 Application: JP 9075221 (900322)
 Pages: 12 pp.
 CODEN: JKXXAF
 Language: Japanese
 Patent Classifications:
 Class: C08F-255/00A; C08F-002/20B
 Section:
 CA235008 Chemistry of Synthetic High Polymers
 Identifiers: polypropylene graft suspension polymn, acrylonitrile styrene propylene
 Descriptors:
 Polyoxymylenes,block,uses ...

dispersing agents, for graft polymn. of vinyl monomers on polyolefins
 Dispersing agents ...
 ethoxylated propoxylated alkylenediamine block copolymers and polyethylenepropyl
 Polymerization, graft, suspension ...
 of polyolefins, dispersing agents for
 CAS Registry Numbers:
 7758-87-4 dispersing agents, contg. ethoxylated propoxylated ethylenediamine block c
 106392-12-5 110617-70-4 dispersing agents, for graft polymn. of vinyl monomers on po
 106826-12-4P 106826-13-5P 115180-57-9P 123809-11-0P 132076-21-2P 132236-94-3P manuf.

4/9/25 (Item 19 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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114124115 CA: 114(14)124115h PATENT
 Manufacture of thermoplastic granular polymers containing inorganic fillers
 Inventor (Author): Soltysiak, Feliks; Kulinski, Wladyslaw; Eugeniusz, Adolf; Szczerb
 Location: Pol.
 Assignee: Spoldzielnia Pracy Chemikow "Xenon"
 Patent: Poland ; PL 149873 B1 Date: 900331
 Application: PL 263393 (861230)
 Pages: 7 pp. Abstracted and indexed from the unexamined application.
 CODEN: POXXA7
 Language: Polish
 Patent Classifications:
 Class: C08J-003/12A; C08K-009/04B; C08L-023/00B
 Section:
 CA238003 Plastics Fabrication and Uses
 Identifiers: polyolefin granulate inorg filler addn, polyethylene granulate inorg fi
 Descriptors:
 Packaging materials... Toys ...
 inorg.-filled polyolefin granulate for, prepn. of
 Particle size ...
 of inorg. fillers, in manuf. of polyolefin granulate
 Adhesion... Dispersion ...
 of inorg. fillers in polyolefin granulate, improvement of
 Hydrocarbons, uses and miscellaneous ...
 polyolefins contg., for improved adhesion and dispersion of inorg. fillers
 Paraffin oils ...
 polyolefins contg., for improved dispersions and adhesion of inorg. fillers
 CAS Registry Numbers:
 9002-88-4 9003-07-0 granulate, chalk-filled, impact-resistant, filler dispersion and
 4568-28-9 polyolefins contg., for improved adhesion and dispersion of inorg. fillers

Dialog eLink:
 4/9/26 (Item 20 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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112100191 CA: 112(12)100191n JOURNAL
 Apparatus for purification of granular thermoplastics by a dry procedure
 Author: Kirsanov, V. A.; Novoselov, A. M.; Slavyanskii, V. N.; Mordkovich, E. M.; Ka
 Location: USSR
 Journal: Plast. Massy
 Date: 1989
 Number: 8 Pages: 47-9

CODEN: PLMSAI
 ISSN: 0554-2901
 Language: Russian
 Section:

CA238003 Plastics Fabrication and Uses

Identifiers: polyolefin granulate impurity removal app, polystyrene granulate impuri
 Descriptors:

Plastics,thermo- ...

sepn. of impurities from granulated, app. for

CAS Registry Numbers:

9002-88-4 9003-07-0 9003-53-6 sepn. of impurities from granulated, app. for

4/9/27 (Item 21 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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112057472 CA: 112(8)57472r PATENT

Electrically insulating, thermoplastic or curable, granulatable rubber-polyolefin bl
 Inventor (Author): Karger-Kocsis, Jozsef; Kozma, Balazs; Schober, Miklos; Kasza, Kar
 Location: Hung.

Assignee: TAURUS Gumiipari Vallalat; Magyar Kabel Muvek

Patent: Hungary Teljes ; HU 47615 A2 Date: 890328

Application: HU 864555 (861030)

Pages: 20 pp.

CODEN: HUXXB

Language: Hungarian

Patent Classifications:

Class: C08L-021/00A; C08L-023/00B

Section:

CA237006 Plastics Manufacture and Processing

CA276XXX Electric Phenomena

Identifiers: EPDM polyolefin blend elec insulator, semiconducting elec insulator rub
 Descriptors:

Carbon black,uses and miscellaneous ...

elec. conducting, rubber-polyolefin-polypropylene blends contg., semiconducting

Semiconductor materials ...

elec. insulating, rubber-polyolefin-polypropylene blends, granulatable

Rubber,butyl,uses and miscellaneous ...

polyolefin-polypropylene blends contg. BK 1675, elec. insulating granulatable

Rubber,ethylene-propene ...

polyolefin-polypropylene blends contg. Dutral GO 054, elec. insulating, granulatable

Rubber,synthetic, EPDM... Rubber,synthetic, ethylene-ethylidenenorbornene-propene ..

polyolefin-polypropylene blends contg., elec. insulating granulatable

Plastics ...

polyolefin-polypropylene-rubber blends, elec. insulating granulatable

Electric insulators and Dielectrics ...

rubber-polyolefin-polypropylene blends, granulatable

CAS Registry Numbers:

9002-88-4 low-d., rubber-polypropylene blends contg. Tipolen 40019, elec. insulating

25038-36-2 rubber, polyolefin-polypropylene blends contg., elec. insulating granulatable

9003-07-0 rubber-polyolefin blends contg., elec. insulating granulatable

9010-79-1 9010-86-0 rubber-polypropylene blends contg., elec. insulating granulatable

24937-78-8 rubber-polypropylene blends contg. Evatane 2805, elec. insulating granula

4/9/28 (Item 22 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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111176106 CA: 111(20)176106p PATENT
 Concentrated dispersion of organic pigments for polyolefin fiber dyeing
 Inventor (Author): Ondrej miska, Koloman; Marcincin, Anton; Samuhel, Jozef; Szentivan
 Location: Czech.
 Patent: Czechoslovakia ; CS 258624 B1 Date: 890315
 Application: CS 861382 (860227)
 Pages: 3 pp.
 CODEN: CZXXA9
 Language: Slovak
 Patent Classifications:
 Class: C08J-003/22A; D01F-001/04B
 Section:
 CA240006 Textiles
 Identifiers: anthraquinone dye conc fiber dyeing, polypropylene dye conc fiber dyein
 Descriptors:
 Dyeing ...
 of fibers, concd. dispersions of polyolefin-dye for
 Dyes, anthraquinone... Dyes, azo ...
 polyolefin granulate contg., for dyeing olefin fibers
 CAS Registry Numbers:
 9003-07-0 granulate, high/low viscosity blend, contg. dye, for dyeing olefin fibers
 9002-88-4 oil, polypropylene granulate contg. dye and, for dyeing olefin fibers

4/9/29 (Item 23 from file: 399)
 DIALOG(R) File 399: CA SEARCH(R)
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111155192 CA: 111(18)155192y PATENT
 Inorg. fiber-reinforced thermoplastic polyolefin compositions and their manufacture
 Inventor (Author): Nomura, Manabu; Wada, Kaoru
 Location: Japan,
 Assignee: Idemitsu Petrochemical Co., Ltd.
 Patent: European Pat. Appl. ; EP 319924 A2 Date: 890614
 Application: EP 88120376 (881206) *JP 87311192 (871208) *JP 8758027 (880311)
 Pages: 22 pp.
 CODEN: EPXXDW
 Language: English
 Patent Classifications:
 Class: C08K-007/04A; C08L-023/02B; C08K-007/08B
 Designated Countries: DE; FR; GB; IT
 Section:
 CA237006 Plastics Manufacture and Processing
 Identifiers: polypropylene molding inorg fiber reinforced, magnesium oxysulfate fibe
 Descriptors:
 Synthetic fibers, magnesium oxide sulfate ...
 granulated, polyolefin with high strength and good appearance contg.
 Alkenes, polymers, polymers ...
 inorg. fiber-reinforced, with high strength and good appearance
 Granulation ...
 of magnesium oxysulfate fibers, for polyolefin moldings
 Plastics, reinforced, inorg. fiber- ...
 of polyolefins, with high strength and good appearance
 CAS Registry Numbers:
 98668-15-6 fibers, granulated, polyolefins with high strength and good appearance co
 9002-88-4 9003-07-0 9003-56-9 9010-79-1 inorg. fiber-reinforced, with high strength
 74-85-1D polymers with alpha olefins, inorg. fiber-reinforced, with high strength an

Dialog eLink:
 4/9/30 (Item 24 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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106033521 CA: 106(6)33521f JOURNAL
 Formation and growth of polypropylene and polyethylene particles during olefin polym
 Author: Mkrtchyan, S. A.; Uvarov, B. A.; Tsvetkova, V. I.; Tovmasyan, Yu. M.; Chisty
 Location: Inst. Khim. Fiz., Moscow, USSR
 Journal: Vysokomol. Soedin., Ser. A
 Date: 1986
 Volume: 28 Number: 10 Pages: 2108-14
 CODEN: VYSAAF
 ISSN: 0507-5475
 Language: Russian
 Section:
 CA235004 Chemistry of Synthetic High Polymers
 Identifiers: propylene polymn supported titanium catalyst, ethylene polymn supported
 Descriptors:
 Polymerization ...
 of ethylene and propylene, in presence of divinylbenzene-styrene copolymer-suppo
 Particles ...
 of polyethylene and polypropylene, formation and growth of, in presence of divin
 Polymer morphology ...
 of polyethylene and polypropylene particles prepd. in presence of divinylbenzene
 Polymerization catalysts, Ziegler-Natta ...
 titanium trichloride, divinylbenzene-styrene copolymer-supported, polyethylene a
 CAS Registry Numbers:
 9003-70-7 catalysts supports, for titanium trichloride, polyethylene and polypropyle
 7705-07-9 uses and miscellaneous, catalysts, divinylbenzene-styrene copolymer-suppor

4/9/31 (Item 25 from file: 399)
 DIALOG(R)File 399: CA SEARCH(R)
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105228017 CA: 105(26)228017h PATENT
 Determination of dye concentration in polyolefins
 Inventor (Author): Marcincin, Anton; Zemanova, Elena; Ondrejmiska, Koloman; Harmania
 Location: Czech.
 Patent: Czechoslovakia ; CS 232309 B1 Date: 860715
 Application: CS 822625 (820414)
 Pages: 6 pp.
 CODEN: CZXXA9
 Language: Slovak
 Patent Classifications:
 Class: G01N-021/27A
 Section:
 CA137006 Plastics Manufacture and Processing
 CA140XXX Textiles
 Identifiers: polyolefin dye detn photometric, fiber polyolefin photometric dye detn
 Descriptors:
 Polyolefin fibers ...
 detn. of dye concn. in, photometric
 Pigments ...
 detn. of, in polyolefin fibers and granules, photometric

Dyes ...

detn. of, photometric, in polyolefin fibers and granules
Spectrochemical analysis, spectrophotometric ...
of dyes in polyolefin fibers and granules
Alkenes, polymers ...
polymers, detn. of dye concn. in, photometric
CAS Registry Numbers:
9003-07-0 detn. of dye concn. in granules of, photometric
5280-80-8 detn. of, in polypropylene, photometric

4/9/32 (Item 26 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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104150092 CA: 104(18)150092m PATENT

Granulated filler for polyolefins and polystyrene

Inventor (Author): Zal'yants, G. A.; Makarova, N. A.; Mnatsakanov, S. S.; Kovalenya,
Location: USSR

Patent: USSR ; SU 1168572 A1 Date: 850723

Application: SU 3485890 (820825)

4/9/33 (Item 27 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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99054586 CA: 99(8)54586h PATENT

Granulated material

Inventor (Author): Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzuki, Takatos
Location: Japan,

Assignee: Sumitomo Chemical Co., Ltd.

Patent: Germany Offen. ; DE 3241395 A1 Date: 830526

Application: DE 3241395 (821109) *JP 81/180049 (811109)

Pages: 23 pp.

CODEN: GWXXBX

Language: German

Patent Classifications:

Class: C08L-023/02; C08K-003/00; C08J-003/12; C08J-003/22; B01J-002/28

Section:

CA137006 Plastics Manufacture and Processing

Identifiers: polypropylene isotactic filler granulation, polyolefin polypropylene fi
Descriptors:

Granulation ...

of fillers with cryst. polyolefin powders

CAS Registry Numbers:

9002-88-4 9003-07-0 binders, for granulation of powd. isotactic polypropylene and fi

13983-17-0 fillers, granulation of powd. isotactic polypropylene and

25085-53-4 granulation of powd., with powd. fillers and binders

471-34-1 7631-86-9 14807-96-6 uses and miscellaneous, fillers, granulation of powd.

4/9/34 (Item 28 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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95116534 CA: 95(14)116534t

PATENT

Granular additive for thermoplastics

Inventor (Author): Nicolaus, Manfred

Location: Fed. Rep. Ger.

Assignee: Nicolaus, Manfred, Kunststoff-Farben G.m.b.H. und Co. K.-G.

Patent: Germany Offen. DE 3002753

Date: 810730

Application: Germany DE 3002753

Date: 800124

Pages: 8 pp.

CODEN: GWXXBX

Language: German

Patent Classifications:

Class: C08L-023/06; C08L-023/10; C08K-003/26; C08K-005/01;

Section:

CA036006 Plastics Manufacture and Processing

Identifiers: calcium carbonate additive polyolefin, polyethylene additive calcium ca
Descriptors:

Plastics, molded ...

polyolefin blends, calcium carbonate-contg.

CAS Registry Numbers:

9002-88-4 9003-07-0 calcium carbonate-polyolefin mixts. as granular additives for

115-07-1D polymers, calcium carbonate-polyolefin mixts. as granular additives for

471-34-1 uses and miscellaneous, granular additives contg. polyolefins and, for poly

4/9/35 (Item 29 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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91108490 CA: 91(14)108490c PATENT

Silane-grafted thermoplastic polymers

Location: Australia

Assignee: ICI Australia Ltd.

Patent: Britain GB 1542543

Date: 790321

Application: Australia AU 765378

Date: 760326

Pages: 11 pp.

CODEN: BRXXAA

Language: English

Patent Classifications:

Class: C08F-008/00;

Section:

CA035006 Synthetic High Polymers

Identifiers: ethylene vinyltriethoxysilane graft copolymer, silane vinyllethoxy ethyl
Descriptors:

Crosslinking catalysts ...

dibutyltin dilaurate, for silane-grafted polyolefin granules and sheets

Siloxanes and Silicones, reactions ...

graft polymn. and crosslinking of, with polyolefins

Polymerization, graft, radiation-induced ...

of polyethylene and polypropylene with silanes, as granules and sheets

Crosslinking ...

of silane-grafted polyolefin granules and sheets, by water

CAS Registry Numbers:

77-58-7 catalysts, for crosslinking of olefin-silane graft copolymers

29503-87-5P 35312-82-4P 40704-86-7P 63120-13-8P 71337-81-0P graft, manuf. and crossl

80-43-3 84-54-8 90-44-8 104-87-0 134-81-6 radiation sensitizer, for graft polymn. of

98-86-2 100-52-7 119-61-9 uses and miscellaneous, radiation sensitizer, for graft po

4/9/36 (Item 30 from file: 399)
DIALOG(R)File 399: CA SEARCH(R)
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86156673 CA: 86(22)156673h PATENT
Manufacturing process of granular crystalline polyolefin resin composition for moldi
Location: Japan
Assignee: Nissan Chemical Co., Ltd.
Patent: Britain GB 1447304
Date: 760825
Application: Japan JP 7346956
Date: 730425
Pages: 4 pp.
CODEN: BRXXAA
Patent Classifications:
Class: C08J-003/20;
Section:
CA037003 Plastics Fabrication and Uses
Identifiers: polyethylene cryst molding granule, molding granule cryst polyolefin, p
Descriptors:
Granulation ...
of cryst. polyolefin-filler blends, for molding compns.
CAS Registry Numbers:
9003-07-0P molding granules, manuf. of, contg. barium sulfate
9002-88-4P molding granules, manuf. of, contg. inorg. filler
7727-43-7P polypropylene molding granules contg., manuf. of
471-34-1P 14807-96-6P uses and miscellaneous, polyethylene molding granules contg.,

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